



TP2R Meeting

Thursday, August 13, 2004

Downtown Nashville Public Library

Next TP2R meeting dates:

- Monday, October 25, 2004
- Thursday, December 9, 2004
- March 10, 2005

P2 Week!
September 20-24
Watch for Activities in your area!

Special Note:

Needed: Environmental Organization representative for TP3 Performer Level Review Panel
Please send your nominations to Ron.Graham@state.tn.us by September 30, 2004!

Welcome and Introductions:

- Welcome to meeting attendees by Ann Olsen, Vanderbilt Center for Environmental Management Studies, facilitator.
- Self-introduction of attendees.
- Attendance List attached to notes.

TP3 Program and Regional Activities Update:

- Karen Grubbs (TDEC Division of Community Assistance): The TP3 membership is continuing to grow (currently 360 TP3 members), with many schools signing up to be eligible for our "Rehab the Lab!" special program (description attached with meeting notes.) If you want to find out more about lab chemical disposal at higher educational institutions, Ms. Patty Smith of Teris/MSE, who has the state contract for non-UT schools. Her email address is psmith@terisna.com.
- Jan Compton (TDEC-DCA, Johnson City): Jan is working largely with schools at this time. The special program for lab chemical clean up and safe disposal of old and unlabeled chemicals is the primary factor. Recently an Earth Teach special presentation was made for teachers. Planning for the East Tennessee Regional Environmental Conference is progressing well. The conference will be March 10 & 11, 2005 in Kingsport, TN at the Eastman Lodge (a beautiful site at the foot of Bays Mountain).
- Vaughn Cassidy (TDEC-DCA, Jackson): Recent layoffs at area manufacturers have negatively impacted their participation in TP3 activities. Schools, especially those with newer buildings are far more active than any other category because of a desire to keep the facilities environmentally green. The West Tennessee Environmental forum has some new members with a focus on city storm water management systems.
- Mark Penland (TDEC-DCA, Knoxville): Mark recently mailed twenty-seven TP3 Brochures to manufacturers in the Morristown-Hamblen County area. Additionally, he touched base with Pledge and Prospect members offering assistance in advancing to the next level; one company is near Partner and two others are advancing toward Performer. He is continuing to work with the local Planning Commission to inform them of services of Knoxville EAC staff.
- Ann Olsen (VCEMS) for Charles Jobe (TDEC-DCA, Nashville): The Middle Tennessee Regional Forum had three well-attended meetings last year. Some within the forum began to question what the group really does so the attendees were surveyed for feedback. They were asked to prioritize the following: (a) bring in national speakers for two days to network, (b) interview regional growth planners to ascertain whether they understand the environmental impact of what they are doing, and (c) develop an inventory of "who is doing what" in industry. The forum is short on participation from business and industry but the ratings on the above items were (b) first, (c) second, and (a) third. **The ---looking at legislative paths (1101) toward providing educative analysis.**
- Ron Graham (TDEC-DCA) noted that many leadership programs have an opportunity for membership that is specifically directed at promotion of the main philosophy of the partnership, in this case pollution prevention. Ron requested that the Roundtable participants consider whether there is a need for TP3 to add a Promotion membership that would not require that a person's workplace pledge to work on specific pollution prevention projects. Instead, there could be a set of suggested ways that a person, business, organization, etc. could promote pollution prevention and TP3. There may even be a way that these TP3 Promoters could be recognized for outstanding efforts promoting TP3.



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General TP2R Discussion:

- Wayne Scharber: TCCI has been around since 1912 as a non-profit entity. It was formed in order to get industry together for a common interest. Input from the members has been used to help promote and grow manufacturing. TCCI looks at how taxation impacts manufacturing and is further concerned about those things that negatively (or positively) impact job creation. The challenge and focus here for TP2R is "what can we do to improve local environment in the state?" This group should ponder what environmental opportunities are out there for us to undertake (1101).
- Jack Barkenbus: There are eighty-six higher education facilities in Tennessee. At the University of Tennessee at Knoxville, they have hired Ms. Sarah Surak to be the recycling coordinator at UTK. She wants to talk about a plan for higher education coordination at the Dec. meeting.
- Ann Olsen: Is there an opportunity to create more membership categories, for example, higher education, health care, etc.? TP3 can or would be a way to bring people together to promote a common cause. One weakness is our inability to get media coverage. Furthermore, it is a constant challenge for a diverse group such as TP2R to stay focused.

TP3 Performer Level Review Panel Membership Update:

- Karen Grubbs: We need to fill a vacancy on the TP3 Review Panel. Dr. Gwen Griffith's term expired in May and she is not able to participate for another term. The panel replacement will need to be from an environmental organization.
- Information Note: Alan Jones has transferred from TDEC to TDOT and will remain on the Review Panel as the "Government" representative.

Update on Planning for October 2004 Planting P2 Conference:

The 2004 Planting P2 Conference is coordinated with the Tennessee Chamber of Commerce and Industry (TCCI) Environmental Awards Conference that will be held October 26 and 27. Cam Metcalf will be the Keynote Speaker for the Planting P2 Conference. Commissioner Child has been invited to address both groups on the State of the State at the luncheon on October 26. The luncheon will close out the Planting P2 Conference and kick off TCCI's conference.



Check out the Conference website www.tdec.net/dca/tp3/p2conference.php

- Karen Grubbs: The conference brochures are out, with FedExKinko's as a Champion Sponsor for a donation of a nearly half of the printing price. The planning committee has been meeting regularly and made great progress. The next conference planning team meeting is September 2, 9:30 at Nashville EAC. It is not too early to make your reservations at Montgomery Bell State Park. Please be sure to use the group number(s) when making your reservations. See the online instructions, attached to these notes.
2004 Planting P2 Conference Group Number is 2457 and TCCI is 2601
- Lori Munkeboe: Currently there are seven sponsors, six with monetary donations and one conference/Inn scholarship for teachers/students. Sponsors are encouraged to have a display separate from the success stories to tell attendees what their companies do and display products. There is a need for teacher/students candidates for the scholarship, which covers registration and two nights lodging. The candidates must be interested in environmental issues and should be from a TP3 school.
- Ron Graham: Thanks to Wayne Scharber and TCCI for combining the conferences and helping with the logistics.
- Lynn Reed: UT CIS can provide a web link to get the brochure and program electronically. Additionally, there can be a specific e-mail to our database regarding the conference.
- Ann Olsen: A time needs to be established for the review panel to meet on Monday October 25 before the conference. With input from Jack Barkenbus, Jeanette Widman, and Diane Scher, 11:00 AM was selected.

Report on "Spreading the Word": Forum on Ozone Pollution and Health:

- Ann Olsen: The Tennessee State Forum, The Early Action Compact, and the University of Tennessee Forum sponsored the event. There were various speakers with diverse ideas but no agenda came out of the meeting; thus, no notes are available.



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- Wayne Scharber: Air quality and health was the direction given and the challenge to get it done. The forum was effective and well received; however there was no press coverage.
- Forum on Ozone Pollution and Health was held in Nashville on June 22, 11:30-3:30. The Forum was coordinated by staff of the Center for Health Services Research and sponsored by the Tennessee State Forums Partnership, which is funded by a grant from the Robert Wood Johnson Foundation. The program included a series of talks, followed by small group sessions, to focus attention on health issues associated with ozone pollution. We anticipate that an issue brief will be provided. Wayne Scharber may be able to provide more information on the forum. Try the Tennessee State Forums Partnership website for information about the Partnership and previous forums held in Tennessee: <http://www.utmem.edu/TNForumsPartnership/>.

Vanderbilt-MTA Agreement

- Faculty and staff can now ride MTA for “free” simply by swiping their bar coded ID badge. Students were excluded after a survey indicated they tend to reside on campus and already have a car there whereas faculty and staff commute in daily. MTA initiated the plan and Vanderbilt did a “master plan” analysis over two years because their green space is disappearing. The analysis revealed that Vanderbilt was contributing \$50.00 per month per faculty auto for parking and would be better positioned by paying MTA \$1.50 per ride for the faculty member. During the first month, statistics show that two hundred and fifty faculty members made 14,040 rides on the MTA system coaches. To date there has been no negative feedback; however there may be some abuse of the system (like riding to the mall on weekends) so a policy is being developed. Currently the offer only covers faculty members with benefits and under specific circumstances, which are intended to be to and from work. It is anticipated that as bus rider ship increases the routes will be expanded. If there are questions, Kim Browning at Vanderbilt is the contact person on this activity.
- Wayne Scharber: Why is it that Vanderbilt is opposed to encouraging faculty to ride the bus to the mall on Saturday?
- Jack Barkenbus reported that the University of Tennessee at Knoxville has negotiated a \$25.00/month fee for unlimited riding of the local mass transit system.
- Ron Graham: TDEC, thanks to Alan Jones, has an on line survey relative to our views on mass transit. Please take a moment and fill it out. Find it at url: <http://www.tdot.state.tn.us/tntransit25/TransitSurvey.html>

Future TP2R Meetings:

- The October meeting will precede the Planting P2 Conference at Montgomery Bell State Park. The TP2R will meet at 9:30 (central time) in the Board Room off the main lobby. We hope to have several new TP3 Partners to recognize and celebrate! After the TP2R meeting, the TP3 Performer Level Review Panel will convene (11:00) to review and discuss evaluation of Saturn and the Denso facilities as “Maintaining Performers.” Karen Grubbs is the point person for the October agenda. Please send your suggestions to her at Karen.grubbs@state.tn.us.
- The December meeting will focus on P2 efforts, sustainability and higher education. Jack Barkenbus (UT EERC) will be the point person for an agenda team of HE representatives (Robert Wingfield and Olin Ivey)
- Dr. Robert Wingfield, Fisk University suggested that it would be a good idea to involve the Nashville Section of the American Chemical Society and have them contact schools to promote membership in TP3. The Nashville Section recently recognized outstanding schools.
- The Nashville Public Downtown Library is unavailable for a meeting on December 9. Please feel free to volunteer yourself or someone else to provide a meeting space for the December meeting. (One of our higher ed establishments would be appropriate!)
- Diane Scher asked if Roundtable meetings are bi monthly or quarterly. After some general discussion, and in light of the October Conference, the holiday timeframe, and early January travel considerations, the next three TP2R meetings are projected for October 25, December 9, and March 10. Attendees appeared to concur with these dates.

Vision and Leadership for TP2R:

Ann Olsen informed the group that she must relinquish her role as TP2R meeting facilitator effective with this meeting. The remainder of today’s meeting was dedicated toward future vision and leadership for TP2R.



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We broke into four groups to focus on specific topics, and results of those discussions follow. We hope you will reflect upon the items listed and respond with your thoughts, comments and suggestions.

Flipchart Notes from August 12, 2004 TP2R Meeting

RESOURCES & STRENGTHS

- Multi Stakeholders – Diverse disciplines
- Clout within organization they represent
- Knowledgeable of environmental issues
- Broad distribution of members, minutes, interested parties, connections/networks internal within the group and organizations
- Philosophy and willingness to meet with and talk with other stakeholders
- Open discussion in meetings

KEY CONSTITUENTS

- TDEC
- Academia
- Business/Industry
- Health care
- Local governments/services
- Transportation developers
- Higher education
- Environment advocates
- TP3
- TP2R

KEY STEAK-HOLDERS / AUDIENCE

- Leaders with success stories
- Spreads the word
- Government – state and local

KEY ROLES FOR TP2RT

- Steering Committee
 - Initial development
 - Ideas/encouragement
 - Contacts
- Sounding Board
- Advisory/not doers
- (Yes) Strategic/Tactical (No)
- Issue Platform
 - Advise on who, what, how
 - Education of group
 - Priorities
- Relationship building (internal & external)
- Information sharing
- Important body for implementing TP3 and Regional Environmental forums

CHALLENGES/OBSTACLES

- Using RT more in advisory/steering by TDEC
- Creation of/tap into reasons for attendance
- Effort viewed as:
 - Beneficial
 - Value added
 - Positive
- Lack of Focus
- Lack of Purpose
- Lack of a common challenge
- Primarily TDEC driven

*Local forums avoid several of these!!!

- Distance and job work load – particularly industry
- Focus on strategic vs. tactical (multiple departments)
- Acceptance (by other sector) to engage in issues
- Time commitment
- Travel
- Little representation from West Tennessee
- Lack of awareness of TP2R across state.
- Travel, location, schedule
- Lack of participation by “Key Players”



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TP2R Attendee List for August 12, 2004

Name	Affiliation	Email Address/Phone Number	Postal Address
Mr. Harding Aslinger	UTCIS	Harding.Aslinger@tennessee.edu 423-425-2364	615 McCallie Avenue, Suite 113 Metropolitan Building Chattanooga TN 37403
Dr. Jack Barkenbus	University of Tennessee - EERC Executive Director	barkenbu@utk.edu 865-974-4251	311 Conference Center Bldg. Knoxville TN 37996-4134
Mr. Vaughn Cassidy	TDEC-JEAC Environmental Coordinator	vaughn.cassidy@state.tn.us 731-512-1343	362 Carriage House Dr Jackson TN 38305
Ms. Jan Compton	TDEC-JCEAC Environmental Coordinator	jan.compton@state.tn.us 423-854-5417	2305 Silverdale Rd Johnson Cilty TN 37601
Mr. Ron Graham	TDEC-DCA Director Division of Community Assistance	ron.graham@state.tn.us 615-532-0450	401 Church, 8th Floor, L&C Tower Nashville TN 37243-1533
Ms. Karen Grubbs	TDEC-TP3 P2EA Section Manager Division of Community Assistance	karen.grubbs@state.tn.us 615-532-0463	401 Church, 8th Floor, L&C Annex Nashville TN 37243-1533
Mr. Brad Hawkins	Vanderbilt University Medical Center Outreach Coordinator Center in Molecular Toxicology	brad.hawkins@vanderbilt.edu 615-936-2179	638 MRB1 Nashville TN 37232-0146
Mr. Donald Houston	TVA FPG Environmental Affairs Acting Manager Regulatory Programs	dphouston@tva.gov 423-751-4418	
Mr. Olin Ivey	Threshold Threshold Conference Coordinator	omivey@juno.com 423-645-5045	PO Box 5155 Chattanooga TN 37406-0155
Ms. Emeline Johnston	TDEC/Policy Office Policy Research Analyst	Emeline.Johnston@state.tn.us 615-532-0130	401 Church St Nashville TN
Mr. Jim Juetten	DuPont - Old Hickory Plant Government Affairs Manager	james.g.juetten@usa.dupont.com 615-847-6388	1002 Industrial Road Old Hickory TN 37138
Mr. Harold Madison	TDEC-SBEAP	harold.w.madison@state.tn.us 615-532-0097	401 Church, 8th Floor, L&C Annex Nashville TN 37243-1551
Ms. Lori Munkeboe	TDEC-DCA Division of Community Assistance	lori.munkeboe@state.tn.us 615-532-0705	L&C, 8th Floor Nashville TN 37243-1533
Ms. Ann Olsen	VCEMS	ann.olsen@vanderbilt.edu 615-385-9416	
Mr. Mark Penland	TDEC-KEAC Environmental Coordinator	mark.penland@state.tn.us 865-594-6035	2700 Middlebrook Pk STE 220 Knoxville TN 37921
Mr. Lynn Reed	UT Center for Industrial Services Waste Reduct. Engineer	lereed@tennessee.edu 615-532-8883	193C Polk Ave Nashville TN 37210
Mr. Wayne Scharber	Tennessee Chamber of Commerce and Industry	wayne.scharber@tnchamber.org 615-256-5141	611 Commerce Street, Suite 3030 Nashville TN 37203-3742
Ms. Diane Scher	Bridgestone/Firestone NT, LLC Environmental Affairs	ScherDiane@bfusa.com 615-937-6971	535 Marriott Drive, 7th Floor Nashville TN 37214
Ms. Jeannette Widman	Denso Manufacturing Athens, Tennessee, Inc.	jeannette_widman@denso- diam.com 423-649-1802	2400 Denso Dr Athens TN 37303
Dr. Robert Wingfield	Fisk University Department of Chemistry	rwingfld@fisk.edu 615-329-8626	1000 17th Avenue Nashville TN 37208-3051



TP2R Meeting Thursday, August 13, 2004 Downtown Nashville Public Library "Rehab the Lab"

Green Schools Program Uncovers a Hidden Need in Tennessee Schools

This article appeared in TSTA newsletter

Sequestered in storage closets for years on end, old chemicals sit on shelves, waiting for funds to be allocated for proper disposal. With school budgets being tighter than ever in most counties, these chemicals are not always a priority and continue to be ignored behind the closet doors.

The Department of Environment and Conservation/Division of Community Assistance facilitated a pilot project in 2003 for the benefit of Tennessee schools. The Green Schools Program and the Problem Waste Section partnered with other state and federal agencies to dispose of unknown, unusable, outdated, and potentially dangerous chemicals from four Tennessee schools.

Linda Jordan, Science Consultant for Department of Education, organized six workshops in summer 2003 for science teachers, focusing on the new State Science Standards and orientation to the new Total Science Safety Systems CD. TDEC's Ken Nafe and Cynthia Rohrbach participated in the workshops by introducing the Green Schools Program and discussing the importance of chemical management in school labs. Periodic inventories, chemical hygiene plans, and safety training are crucial to reducing the potential for accidents and contamination of the local environment. The Green Schools Program promotes and rewards such pollution prevention activities in Tennessee schools.

More than thirty schools recognized chemical problems in their labs and became new Green School members as a result of the workshops and an article in the TSTA Summer 2003 newsletter. Teachers from Campbell County High, Chester County High, Clarksburg High, and Van Buren County High completed a chemical inventory and were approved to participate in the pilot project. Over 2100 pounds of waste were segregated, manifested, and shipped for proper disposal from the four schools. Onyx Environmental was the disposal contractor, while TVA and Tennessee Department of Agriculture were additional partners in the project.

Some of the chemicals that had health and safety concerns were: acute toxins such as cyanide compounds, toxic heavy metals such as mercury, known or suspected carcinogens such as chloroform, shock and friction-sensitive chemicals such as ethers, pharmaceuticals such as adrenalin, and, in many cases, leaking containers and storage problems.

The interest generated by the project revealed the potential need for continuing to address the chemical waste problem in Tennessee schools. Following the joint meeting of TSTA and Tennessee Academy of Science (TAS) in November 2003, the TAS Executive Committee agreed to develop methods to assist high schools with green/microchemistry practices, chemical management, and waste disposal. Union University may provide a model for action, as Dr. Charles Baldwin, TSTA's very own President, has already taken the lead by assisting local high schools in the Jackson area with chemical management.

Next summer, Linda Jordan will conduct additional workshops for science teachers. Karen Kendall-Fite, President of TAS, will coordinate the workshop sites so that TAS members can contribute to the presentation as well. In the meantime, Ken will explore additional funding opportunities to continue the disposal project and will develop a web-based chemical disposal guidance document for schools that complements the Total Science Safety Systems CD.

If you did not attend last summer's workshops, try to get involved this year! For more information on the Green Schools Program, go to www.state.tn.us/environment/dca/tp3.



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Draft PP2 Conference Program Schedule (8/5/04)

Monday, October 25		
9:30-11:00	TP2R Meeting	Small conference room
11:00-1:00	Planting P2 Conference Registration	Lobby
1:00-1:30	Welcome, Safety, Agenda, TP3 Partner Philosophy Ron Graham	Conference Room B
1:30-2:30	Keynote Address Cam Metcalf	Conference Room B
2:30-3:30	P2 Success Stories [Saturn, Shari Meghreblian, Facilitator] DENSO Manufacturing Goodrich Landing Gear Bridgestone/Firestone Interstate Packaging	Conference Room B
3:30-4:00	Networking Break and Door Prizes	Conference Room C
4:00-5:00]	Panel Discussion [VCEMS, Ann Olsen, Facilitator] Benefits of Environmental Leadership Programs	Conference Room B
5:00-	Hospitality	Conference Room C
6:00-	BBQ & Music	Conference Room B
Tuesday, October 26		
7:00-8:30	Breakfast	Montgomery Bell Cafeteria
8:30-9:30	Break-out Sessions Air Quality Issues—Employer Options [Alan Jones] P2 Technology [Ann Olsen] NEPT and TP3 Incentives [Ron Graham]	Meeting Room A-1 Meeting Room A-2 Meeting Room A-3
9:30-9:45	Networking Break	Door Prizes
9:45-10:45.	Break-out Sessions Air Quality Issues—NSR [Jeff Twaddle] Environmental Metrics [Dawn Henderlight] EMS Tools & Transfer [David Allen]	Meeting Room A-1 Meeting Room A-2 Meeting Room A-3
11:00-11:30	TP3 Recognition Ceremony Commissioner Child (invited)	Large Conference Room B & C Final Door Prize(s)
11:30-12:15	Lunch	Large Conference Room B & C
12:15-1:00	State of the State Luncheon Address Commissioner Child (invited) Close PP2 Conference and Open TCCI Environmental Awards Conference	Large Conference Room B & C



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MBSP Online Reservation Instructions

If you plan to attend both conferences, please call toll free 1-800-250-8613, or contact the MBSP Inn directly at 615-797-3101. The Group Number for the *Planting P2 Conference* is **2457**, and the Group Code for the Tennessee Chamber of Commerce & Industry Environmental Awards Conference is **2601**.

<http://www.state.tn.us/environment/parks/parks/MontgomeryBell/>

Access the state parks web site at

<http://www.state.tn.us/environment/parks/index.php>

Go to the top right hand corner and click on "Online Reservations" icon:



Please see the special instructions for [state employee reservations](#), [handicapped accessible rooms](#), [golf packages and tee times](#), and [pet accommodations](#) if they apply to you. Or select "Next" to continue.

Use the Drop Down list to select Montgomery Bell State Park and click "Next"

To check availability, select the dates you plan to check in and check out, and whether you prefer a cabin or room in the Inn. After you have indicated the number of people in your room, be sure to enter the Group Code for the Planting P2 Conference: **2457**

The rate type is not important, as the conference rate is associated with the Group Code. Click on "Check Availability" to select your room preference.

If you plan to come before Sunday, October 24 or stay after Monday, October 25 the conference, you may need to make a separate reservation for those dates. The Group Number for the *Planting P2 Conference* is **2457**, and the Group Code for the Tennessee Chamber of Commerce & Industry Environmental Awards Conference is **2601**. If you plan to attend both conferences, and we hope that you do, please inform the front desk when you check in to avoid the need to change rooms between conferences. You will need to "check out and check in" between conferences, using the appropriate Group Code reservation.